

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

The Commonwealth of Massachusetts

Executive Office of Health and Human Services Department of Public Health William A. Hinton State Laboratory Institute 305 South Street, Jamaica Plain, MA 02130

03/15/2011

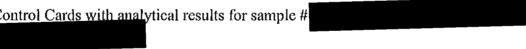
Christopher Pohl Assistant US Attorney, Boston District

Dear AUSA Pohl,

Enclosed is the information you requested in regards to US vs. copies of the following:

Included are

- 1. Curriculum Vitae for Annie Dookhan.
- 2. Drug Analysis Laboratory Receipt.
- 3. Control Cards with analytical results for sample #



- 4. Analysis sheets with custodial chemist's hand notations and test results.
- GC/Mass Spectral analytical data for sample #
- 6. Infra Red analytical data for sample #

I, Annie Dookhan, was the custodial chemist and performed the testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6631

Annie.Khan@state.ma.us

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry. University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- * Responsible for the Quality Control/Quality Assurance program for the drug lab.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 - 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine OC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, OC and OA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice - Forensics Professionals. (numerous trainings) GLP/GMP course with Massachusetts Biologic Laboratory. QC/QA training according to FDA Codes and Regulations. GC and GC/MS courses with Agilent Technologies and Restek. HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts Executive Office of Health and Human Services Department of Public Health State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

Amherst Hours

8:00 - 11:00 2:00 - 4:00 DRUG RECEIPT

9:00 - 12:00 1:00 - 3:00

City or Department: Brockton Police Department	Police Reference No.:
Name and Rank of Submitting Officer: DONOHUE, PATRICK	S 380 DOC # R012425
Defendant(s) Name (last,first,initial):	

o be completed by Submitter Description of Items Submitted	To be completed by Lab Personi Gross Weight Lab Number
1) WHITE TABLETS (QTY: 15) TABLETS (S17394)	13.49
2) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17395)	18.5g
3) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17396)	18,74
4) PLASTIC BAG UNK WHITE POWDER (QTY: 1) UNK WHITE POWDER (S17397)	4,7
5) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17398)	5.3a
6) UNK WHITE ROCK (LOOSE SUBST) (QTY: 1) PLASTIC BAG UNK WHITE ROCK (S17399)	8. Ta

			P
Received By:	 <i>W</i>	Date:	12-16-09
			Folk_OIG_PRR_051541

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts Executive Office of Health and Human Services

Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

Amherst Hours

8:00 - 11:00 2:00 - 4:00 DRUG RECEIPT

9:00 - 12:00 1:00 - 3:00

City or Department: Brockton Police Department	Police Reference No.:	
Name and Rank of Submitting Officer: DONOHUE, PATRICK S	380 DOC # R012736	
Defendant(s) Name (last,first,initial):		

To be completed by Submitter Description of Items Submitted	To be completed by Lab Personne Gross Weight Lab Number
1) WHITE TABLETS (QTY: 15) TABLETS (S17394)	18,38 pc
2) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17395)	24.20 pm
3) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17396)	24.33 pm
4) PLASTIC BAG UNK WHITE POWDER (QTY: 1) UNK WHITE POWDER (S17397)	10,53 pm
5) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17398)	11.27 gr
6) UNK WHITE ROCK (LOOSE SUBST) (QTY: 1) PLASTIC BAG UNK WHITE ROCK (S17399)	13.81 gr
RESUBMITION TOR @ BASE	

Date Analyzed: No. 12-28-09 City: Brockton Police Dept. Officer: Detective PATRICK DONOHUE Def: 15.0 Amount: Subst: TAB Cont: pb No. Cont: 1 Date Rec'd: 12/16/2009 No. Analyzed: Net Weight: つ、を3 Gross Wt.: 13.40 # Tests: \ (A-5-5) · 2DJR Findings: Oxycoclone Prelim: 0xycodone & Date Analyzed: City: Brockton Police Dept. 12-28-09 Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB No. Cont: Cont: pb Date Rec'd: 12/16/2009 No. Analyzed: Net Weight: \ 3 - 니고 Gross Wt.: 18.50 # Tests: 6 \$50 ·2DTK Prelim: Coccure Findings: Cocaine Date Analyzed: No. City: Brockton Police Dept. 12-28-09 Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB Cont: pb 1 Date Rec'd: 12/16/2009 No. Analyzed: Gross Wt.: 18.70

4

No. Cont:

Net Weight: 13.55

Tests: 6050

Prelim: Cocaració Findings: Cocaine

Date Analyzed: City: Brockton Police Dept. 12-28-09 Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB No. Cont: Cont: pb Date Rec'd: 12/16/2009 No. Analyzed: Net Weight: 0,37 Gross Wt.: 4.70 # Tests: 6000 200K Prelim: Findings: cocana Cocaine No. Date Analyzed: 12-28-09 City: Brockton Police Dept. Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB No. Cont: Cont: pb 1 Date Rec'd: 12/16/2009 No. Analyzed: Net Weight: O . 76 Gross Wt.: 5.30 # Tests: しゅうり ·SDJR Prelim: CO Course Findings: ocaine Date Analyzed: No. City: Brockton Police Dept. 12-28-09 Officer: Detective PATRICK DONOHUE Def:

Subst: SUB Amount: Cont: pb No. Cont:

No. Analyzed: Date Rec'd: 12/16/2009

Net Weight: 4.29 Gross Wt.: 8.10

> 6000 # Tests:

> > · 2DTK

Findings: Prelim: (Occurs Cocaine

Date Analyzed: OU-15-10 No. City: Brockton Police Dept. Officer: Detective PATRICK DONOHUE Def: 15.0 Amount: Subst: TAB Cont: pb No. Cont: 1 Date Rec'd: 03/31/2010 No. Analyzed: 18.38 Net Weight: つ. & 3 Gross Wt.: # Tests: O ASS PIR Findings: MOTTESTED Prelim: Date Analyzed: OCI-15-10 No. City: Brockton Police Dept. Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB Cont: pb No. Cont: Date Rec'd: 03/31/2010 No. Analyzed: Gross Wt.: 24.20 Net Weight: 13. 니2 # Tests: \ トラン **BEE** Prelim: Findings: coccusa BESE Date Analyzed: O U-15~10 No. City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB

No. Cont: Cont: pb

Date Rec'd: 03/31/2010

Gross Wt.: 24.33

No. Analyzed:

Net Weight: \るらる

Tests: \= 50

Q3X

Findings: COCOLIND BUSE Prelim:

Date Analyzed: 60-15-16

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount: No. Cont:

Subst: SUB Cont: pb

Date Rec'd: 03/31/2010

No. Analyzed:

Gross Wt.: 10.53

Net Weight: 이 공기

Tests: トロシン

B.D.

Prelim:

Findings: Cocama HCL

Date Analyzed: O U-15-10 No.

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount: Subst: SUB

Cont: pb No. Cont:

Date Rec'd: 03/31/2010

No. Analyzed:

Gross Wt.:

11.27

Net Weight: のつ6

Tests: 1020

D-35

Prelim:

Findings: COCOLOG GCSC

Date Analyzed: ひいついるへい No.

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount:

Subst: SUB

No. Cont: Cont: pb

Date Rec'd: 03/31/2010

No. Analyzed:

Gross Wt.:

Net Weight: 4-29

13.81 #Tests: 1 ASS

BOR

Prelim:

Findings: Cocana Base

SAMPLE #	AGENCY BOOK	ANALYST_	ASO
No. of samples tested:	_	Evidence Wt.	
PHYSICAL DESCRIPTION:		Gross Wt():_	
15 Wm. 42 10.	nd tablet	Gross Wt ():_	
, `\ \	6,2	Pkg. Wt: _	
0.6	mble ba We Q	Net Wt: _	7.8375
512			
PRELIMINARY TESTS Spot Tests		Microcrystalline Tes	<u>ts</u>
Cobalt Thiocyanate ()	_	Gold Chloride	
Marquis	_	TLTA ()	
Froehde's	•••	OTHER TESTS	
Mecke's	_	Myomedoc A+L	
PRELIMINARY TEST RESULTS		GC/MS CONFIRMATORY	TEST
RESULTS Oxycolore		RESULTS Oxycoclo	ne
DATE 12-22-09	_	MS OPERATOR DSC	·····
		DATE12-28-C	<u> </u>

POISINDEX® Product List

Acetaminophen And Oxycodone

Also known as

Oxycodone And Acetaminophen

Regulatory-Status:

Schedule II

Ingredients

Active-Ingredients:

Acetaminophen - 325 MG

Oxycodone Hydrochloride - 5 MG

Excipients:

microcrystalline cellulose pregelatinized starch

Silicon Dioxide Stearic Acid Crospovidone Povidone

Availability & Manufacturing

Availability:

United States

Available-Container-

,

Sizes:

Bottle of 100; Bottle of 500

Contact:

Covidien Mallinckrodt

Product ID:

5726249

AAPCC Code:

072702 - Acetaminophen with Oxycodone

Registry Numbers:

NDC 00406-0512-01

NDC 00406-0512-05

Physical Description

Imprint:

512

Form:

Tablet

Color:

white

Shape:

Circle; scored

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SAMPLE # AGENCY	Brockton ANALYST FOO
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
15 While tablets	Gross Wt ():
10.62	Pkg. Wt:
	Net Wt:
	•
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS 1007 Tested	RESULTS
DATE OU-15-10	MS OPERATOR
	DATE 04-15-10

SAMPLE# AC	BENCY Brock to	ANALYST	AS2
No. of samples tested:		Evidence Wt.	
PHYSICAL DESCRIPTION:		Gross Wt():	14.7056
while cherry	SUBSTANCE	Gross Wt ():	
11.62	4	Pkg. Wt:	
		Net Wt:	13.4256
	·	, ate	1= 13.4119
Mettles AB10 4 Ohaers 1010110			• •
PRELIMINARY TESTS Spot Tests		Microcrystalline Te	<u>sts</u>
Cobalt Thiocyanate (+) +	C	Gold hloride +	
Marquis		TLTA (+) +	
Froehde's		OTHER TESTS	
Mecke's			
PRELIMINARY TEST RESULTS	GÇ	MS CONFIRMATOR	Y TEST
RESULTS COCORD	RE	SULTS (Ocar	<u>v</u>
DATE 12-22-09	OPER	MS OZ R	·
		DATE 12-7	Pa 8 9

SAMPLE# AGENCY	BOOCICIO ANALYST
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
Basaparit IC to	Gross Wt ():
DEF comité chances s	Pkg. Wt:
(7 (85)	
	•
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	7824
	,
DDEI IMINADY TEST DESIN TS	GC/MS CONFIRMATORY TEST
RESULTS COCCUSO 698C	RESULTS
DATE OU-15-LO	MS OPERATOR
·	DATE 04-15-10

No. of samples tested:	Brock to ANALYST (AS 9) Evidence Wt.
PHYSICAL DESCRIPTION:	Pkg. Wt:
Metter ABIOY III	·
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate (-) -+	Gold Chloride +
Marquis Froehde's Mecke's	OTHER TESTS
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
DATE 12-22-09	MS OPERATOR 550
	DATE 12-28-09

SAMPLE # _ AGENCY_	Brocker ANALYST AND
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
Off comite change	ussume Gross Wt ():
17 185	Pkg. Wt:
	Net Wt:
(egus mitted)	IQ
RELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt	Gold
hiocyanate ()	Chloride
Marquis Froehde's	TLTA ()
Mecke's	OTHER TESTS
Mische 3	IR = +
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS cocaire base	RESULTS
DATE 04-15-10	MS OPERATOR
	DATE OU-15-10

SAMPLE #	AGENCY BOOCK	ANALYST AND
No. of samples tested:	_	Evidence Wt.
PHYSICAL DESCRIPTION:		Gross Wt (): 0.9643
white powd	we substante	Gross Wt ():
	. 6p	Pkg. Wt:
		Net Wt: <u>อ. 37</u> 48
		nanux = 0.3668
Metter ABIC	Ou 1117132207	2
Ohaus 101011	0 118.2 114350	oc)
PRELIMINARY TESTS Spot Tests Cobalt Thiocyanate (**) Marquis		Microcrystalline Tests Gold Chloride → TLTA (→) →
Froehde's		OTHER TESTS
·		
PRELIMINARY TEST RESULTS		GC/MS CONFIRMATORY TEST
RESULTS COccuse		RESULTS COCCUR
DATE 12-22-09		MS PERATOR
		DATE 12.28.05

SAMPLE# AGENCY	Proclaton ANALYST	AUD
No. of samples tested:	Evidence Wt.	
PHYSICAL DESCRIPTION:	Gross Wt():	
white powdrad su	> ≤ \<>	
17.67	Pkg. Wt:	
	Net Wt:	44,,,
resumit Ia	·	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests	
Cobalt Thiographic ()	Gold	
Thiocyanate ()	Chloride	
MarquisFroehde's	TLTA ()	
Mecke's	OTHER TESTS	annonno suli
Micches	T8=+	
		nagopacanang wasanda
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TE	<u>st</u>
RESULTS COCQUE HCL	RESULTS	
DATE 04-15-10	MS OPERATOR	
•	DATE 04-15-10	

No. of samples tested:	-		ANALYST	A30
PHYSICAL DESCRIPTION:	167 100 849		Wt(): Pkg. Wt: Net Wt:	0.7635 -= 0.7556
Mether DRION ONCOLO NION PRELIMINARY TESTS				
Spot Tests Cobalt Thiocyanate (+) Marquis Froehde's Mecke's		Gold Chloride <u>+</u> TLTA <u>(+</u>	stalline Tests)→ R TESTS	
PRELIMINARY TEST RESULTS RESULTS Coccase DATE 12-22-09		GCIMS CONF RESULTS MS OPERATOR DATE	Cocane	

SAMPLE # AGENCY _ ?	SOCICION ANALYST ADD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
or while during sudst	ຈ∈ Gross Wt ():
17100	Pkg. Wt:
	Net Wt:
(compaired I	Q.
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt This wants /	Gold Chloride
Thiocyanate () Marquis	Chloride TLTA ()
Froehde's	OTHER TESTS
Mecke's	
	IR=+
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS COCOURA LOS	RESULTS
DATE 64-15-10	MS OPERATOR
	DATE 04-15-10

SAMPLE # AGI	ENCY BOOK	for	ANALYST	435
No. of samples tested:		Ev	ridence Wt.	
PHYSICAL DESCRIPTION:		Gros	ં ખાં રુગત s Wt ():	8-2435
White Cherry s	ins storce	Gros	s Wt():	
(10028) 1716	de		Pkg. Wt:	
			Net Wt:	4-2967
			NOTHER	= 4.2829
Mettle ASION				
0/1000 NO110	1123493	,269		
PRELIMINARY TESTS Spot Tests		Microcr	ystalline Tests	1
Cobalt Thiocyanate (+) +		Gold Chloride	<u> </u>	
Marquis		TLTA <u>(-</u>	4)-	
Froehde's		<u>0TH</u>	ER TESTS	•
Mecke's		OCCOORDE ANNUAL IN A MARKET DE CONTRACTOR DE	Annual Marie Control of the Control	A STATE OF THE STA
·				
	_	da diku Pungan nggangangan pangangan pangangan masa sa		
PRELIMINARY TEST RESULTS		GC/MS CON	FIRMATORY 1	TEST
RESULTS COLUMN		RESULTS	cocarie	NANCY PROCESSIONAL STATES
DATE 12-22-09		MS OPERATOR		
		DATE	12-28	<u>-a</u>

SAMPLE#	Brockson ANALYST AD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
Of white charly such	Stroe Gross Wt ():
11-62	Pkg. Wt:
	Net Wt:
cesusonet In	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	
	エクンナ
•	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS cocaine base	RESULTS
DATE 4-15-10	MS OPERATOR
	DATE 04-15-10

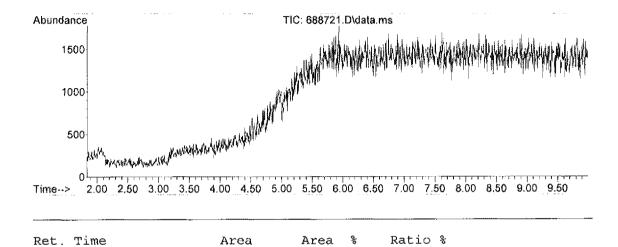
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Operator : ASD

Date Acquired : 23 Dec 2009 16:22

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

1050



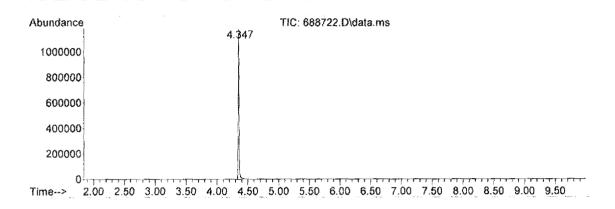
NO INTEGRATED PEAKS

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688722.D Operator : ASD

Date Acquired : 23 Dec 2009 16:34

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 22 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.347	1120861	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688722.D

Operator : ASD

Date Acquired : 23 Dec 2009 16:34

Sample Name : COCAINE STD

Submitted by : ASD Vial Number 22 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

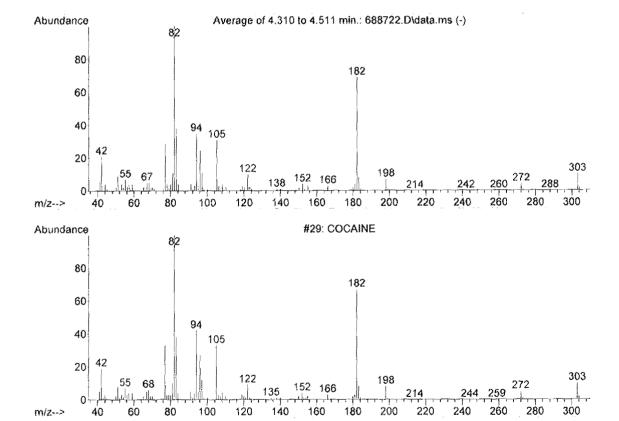
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1 4.35 C:\Database\SLI.L

COCAINE

000050-36-2

99



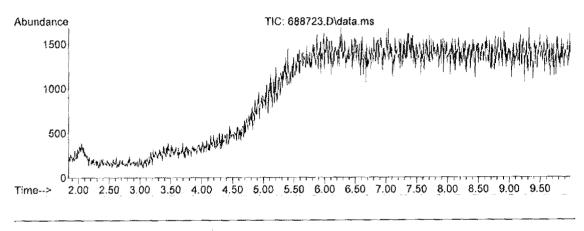
688722.D

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688723.D

Operator : ASD

Date Acquired : 23 Dec 2009 16:47

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

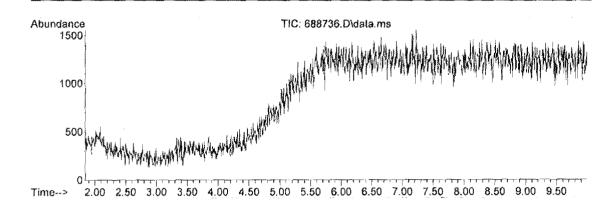
NO INTEGRATED PEAKS

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688736.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:31

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

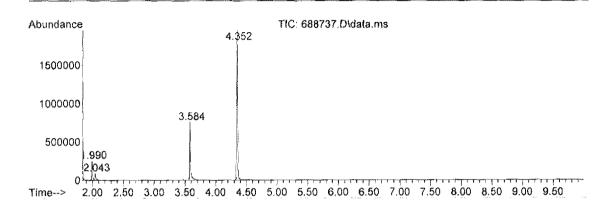
File Name : F:\Q4-2009\SYSTEM7\12_23_09\688737.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:44

Sample Name

Submitted by : ASD
Vial Number : 37
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %		
1.991	258265	7,81	12.60		
2.043	107530	3.25	5.25		
3.584	891522	26.96	43.51		
4.352	2048976	61.97	100.00		
			***************************************	······································	

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688737.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:44

Sample Name :

Submitted by : ASD
Vial Number : 37
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries:

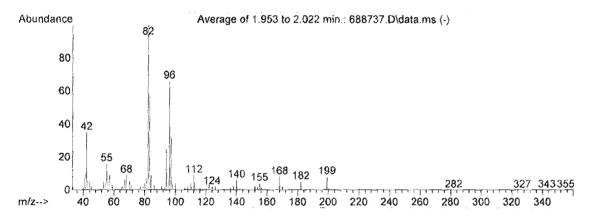
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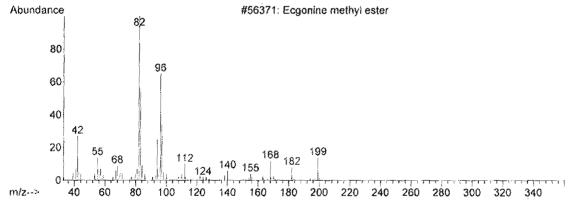
Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.99	C:\Database\NIST05a.L Ecgonine methyl ester Ecgonine methyl ester Pseudoecgonine methyl ester	106293-60-1 106293-60-1 099189-88-5	97 96 94





File Name : F:\Q4-2009\SYSTEM7\12_23_09\688737.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:44

Sample Name Submitted by

: ASD : 37

Vial Number : 37 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

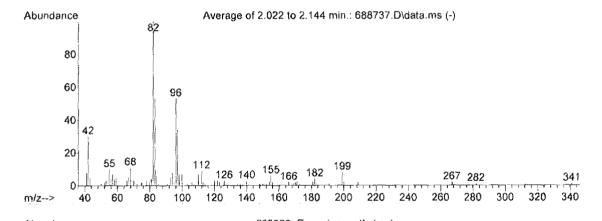
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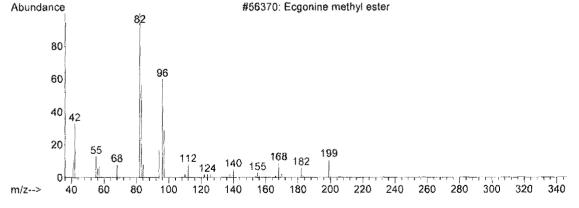
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.04	C:\Database\NIST05a.L Ecgonine methyl ester Ecgonine methyl ester Octanenitrile	106293-60-1 106293-60-1 000124-12-9	91 72 64





File Name : F:\Q4-2009\SYSTEM7\12_23_09\688737.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:44

Sample Name :
Submitted by : ASD
Vial Number : 37
AcquisitionMeth: DRUGS.M
Integrator : RTE

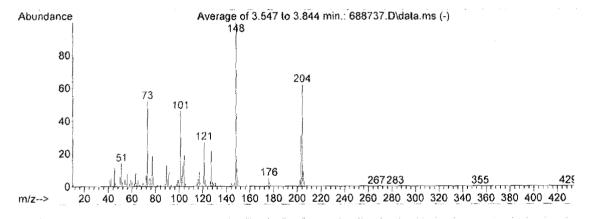
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

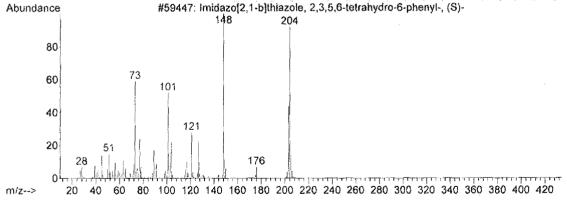
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK# RT Library/ID CAS# Qual

3 3.58 C:\Database\NIST05a.L
Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4 99
Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 98
Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4 98





Minimum Quality: 80

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688737.D

Operator : ASD

Date Acquired 23 Dec 2009 19:44

Sample Name Submitted by : ASD Vial Number 37

AcquisitionMeth: DRUGS.M

Integrator RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

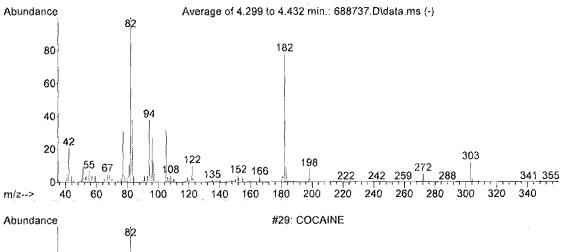
C:\Database\PMW_TOX2.L

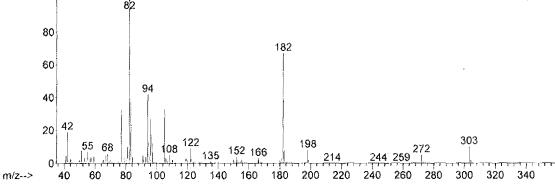
PK# RT Library/ID CAS# Oual

4.35 C:\Database\SLI.L 4

COCAINE

000050-36-2 99





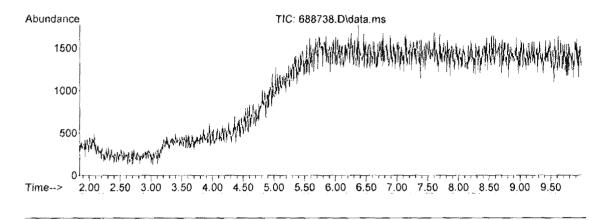
File Name : F:\Q4-2009\SYSTEM7\12_23_09\688738.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:57

Sample Name : BLANK : ASD Submitted by Vial Number : 2 AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688739.D

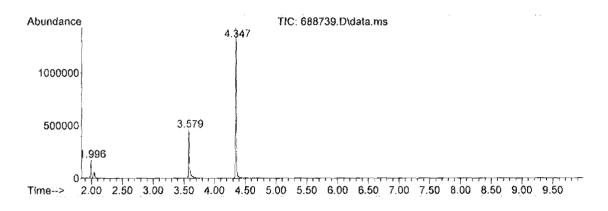
Operator : ASD

Date Acquired : 23 Dec 2009 20:09

Sample Name : Submitted by : ASD

Vial Number : 39 AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.996	164515	7.51	11.40	
3.579	582320	26.59	40.34	
4.347	1443457	65.90	100.00	

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688739.D

Operator : ASD

Date Acquired : 23 Dec 2009 20:09

Sample Name

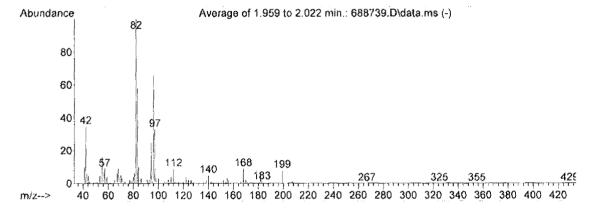
Submitted by : ASD Vial Number 39 AcquisitionMeth: DRUGS.M Integrator : RTE

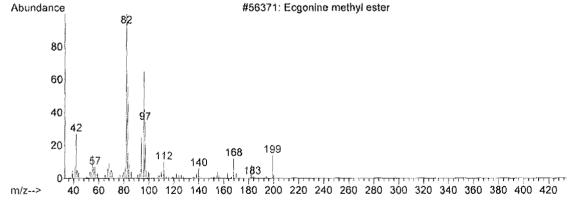
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

	PK#	RT	Library/ID	CAS#	Qual
-	1.	2.00	C:\Database\NIST05a.L Ecgonine methyl ester Ecgonine methyl ester Pseudoecgonine methyl ester	106293-60-1 106293-60-1 099189-88-5	97 96 95





File Name : F:\Q4-2009\SYSTEM7\12_23_09\688739.D

Operator : ASD

Date Acquired : 23 Dec 2009 20:09

Sample Name :
Submitted by : ASD
Vial Number : 39
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries:

C:\Database\SLI.L

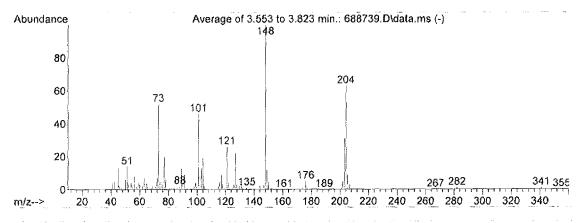
Minimum Quality: 80

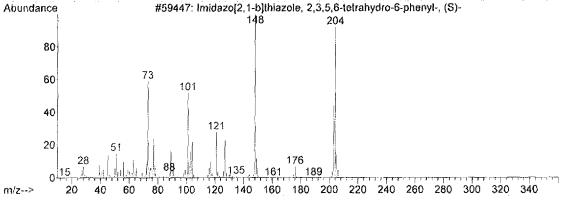
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

1	PK#	RT	Library/ID		CAS#	Qual
	2	3.58	C:\Database\NIST05a.L			
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	014769-73-4	99
			Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	98
			Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688739.D

Operator : ASD

Date Acquired

: 23 Dec 2009 20:09

Sample Name Submitted by

Integrator

: ASD 39

Vial Number AcquisitionMeth: DRUGS.M

: RTE

Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RT

3

Library/ID

CAS#

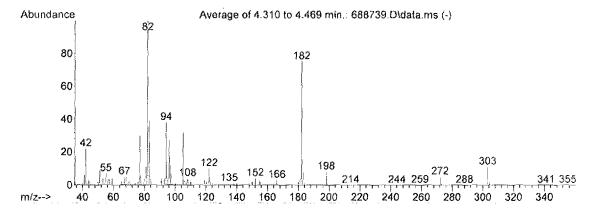
Qual

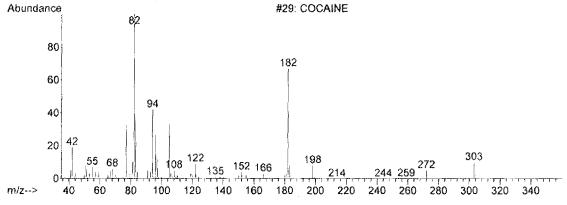
4.35 C:\Database\SLI.L

COCAINE

000050-36-2

99





688739.D

Tue Mar 15 07:01:47 2011

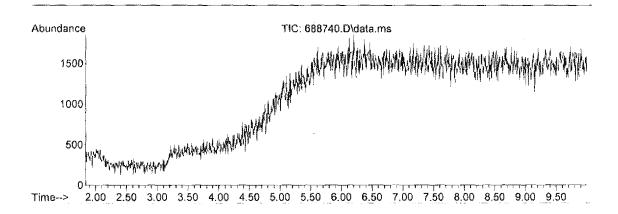
Page 4

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688740.D

Operator : ASD

Date Acquired : 23 Dec 2009 20:22

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

688740.D

Tue Mar 15 07:01:50 2011

Page 1

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688741.D

Operator : ASD

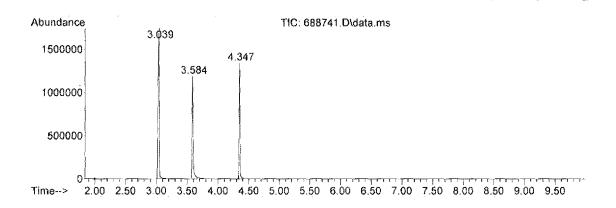
Date Acquired : 23 Dec 2009 20:35

Sample Name Submitted by

: : ASD : 41

Vial Number AcquisitionMeth: DRUGS.M Integrator

: RTE



Ret. Time	Area	Area %	Ratio %
3.039	2203707	43.48	100.00
3.584	1505174	29.70	68.30
4.347	1359763	26.83	61.70

File Name : F:\Q4-2009\SYSTEM7\12 23 09\688741.D

Operator : ASD

Date Acquired : 23 Dec 2009 20:35

Sample Name

Submitted by : ASD
Vial Number : 41
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

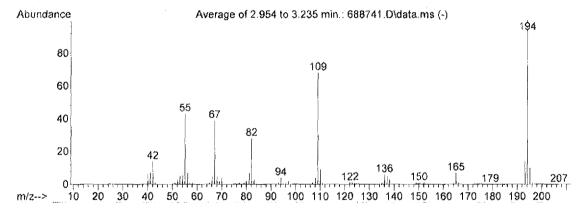
Minimum Quality: 80

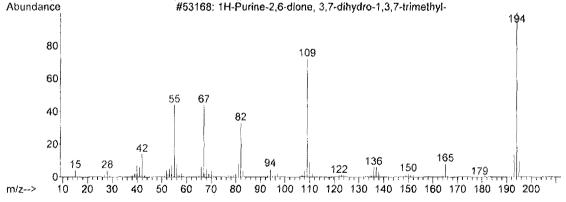
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

	PK#	RT	Library/ID		CAS#	Qual
_	1	3.04	C:\Database\NIST05a.L			
			1H-Purine-2,6-dione,	3,7-dihydro-1,	000058-08-2	98
			1H-Purine-2,6-dione,	3,7-dihydro-1,	000058-08-2	98
			1H-Purine-2,6-dione,	3,7-dihydro-1,	000058-08-2	96





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688741.D

Operator : ASD

Date Acquired 23 Dec 2009 20:35

Sample Name Submitted by ASD Vial Number 41 AcquisitionMeth: DRUGS.M Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

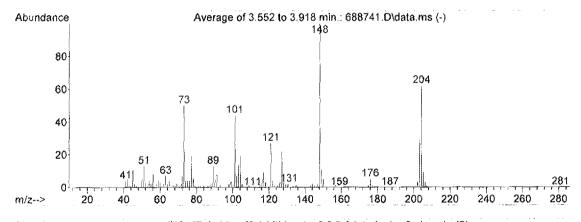
C:\Database\NIST05a.L

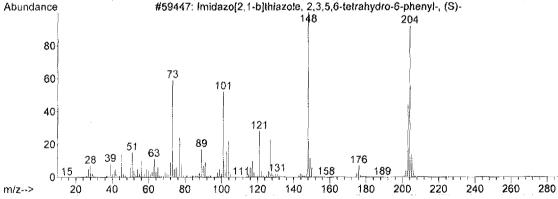
C:\Database\PMW_TOX2.L

PK# CAS# RT Library/ID Qual

C:\Database\NIST05a.L 2 3.58

Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4 99 Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 99 Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 98





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688741.D

Operator : ASD

Date Acquired 23 Dec 2009 20:35

Sample Name Submitted by

Vial Number 41 AcquisitionMeth: DRUGS.M Integrator RTE

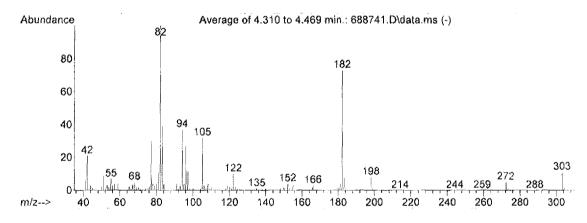
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

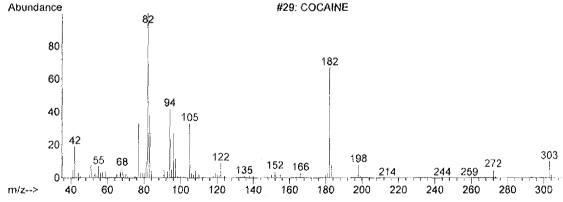
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RTLibrary/ID CAS# Qual 3 4.35 C:\Database\SLI.L COCAINE 000050-36-2 99





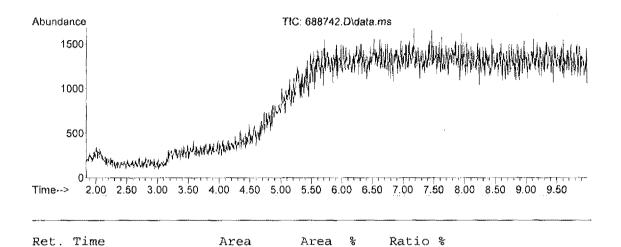
File Name : F:\Q4-2009\SYSTEM7\12 23_09\688742.D

Operator : ASD

Date Acquired : 23 Dec 2009 20:47

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS

AcquisitionMeth: DRUGS.M Integrator : RTE



File Name : F:\Q4-2009\SYSTEM7\12_23_09\688743.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:00

Sample Name Submitted by

: BLANK

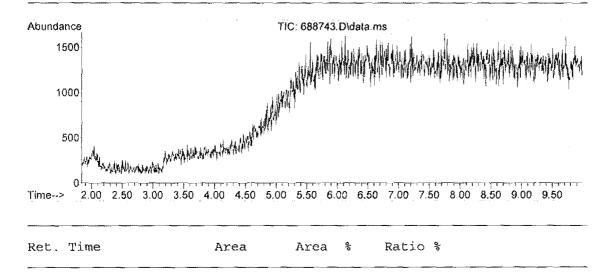
Vial Number

: ASD

AcquisitionMeth: DRUGS.M

Integrator

: RTE



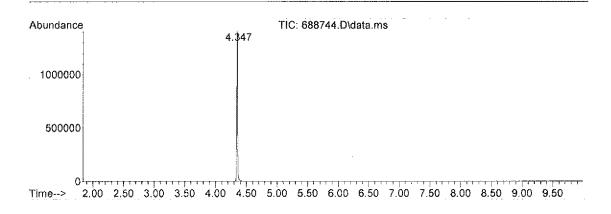
File Name : F:\Q4-2009\SYSTEM7\12_23_09\688744.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:13

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 44 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.347	1462983	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12 23_09\688744.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:13

Sample Name : COCAINE STD

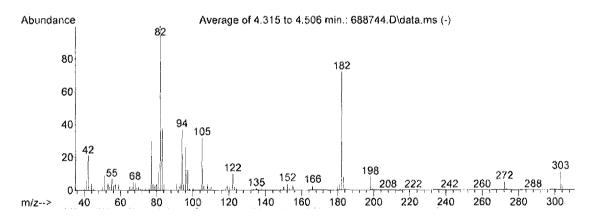
Submitted by : ASD Vial Number : 44 AcquisitionMeth: DRUGS.M Integrator : RTE

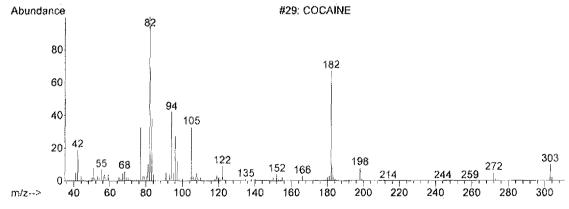
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
 1	4.35	C:\Database\SLI.L	000050-36-2	99





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688745.D

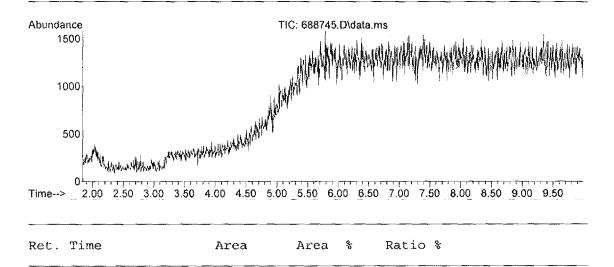
Operator : ASD

Date Acquired : 23 Dec 2009 21:25

: BLANK Sample Name : ASD Submitted by Vial Number 2

AcquisitionMeth: DRUGS.M

Integrator : RTE



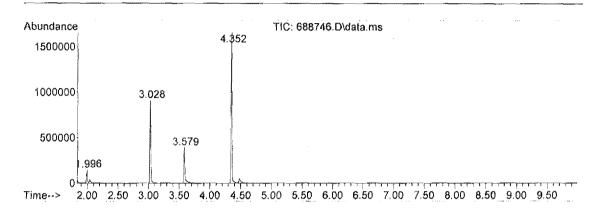
File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:38

Sample Name :

Submitted by : ASD
Vial Number : 46
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.996	138499	4.21	8.26	
3,028	956187	29.05	57.02	
3.579 4.352	519618 1677016	15.79 50.95	30. 98 100.00	
4.332	1077010	50,95		

File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

Date Acquired : <u>23 Dec</u> 2009 21:38

Sample Name

46

Submitted by : ASD Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

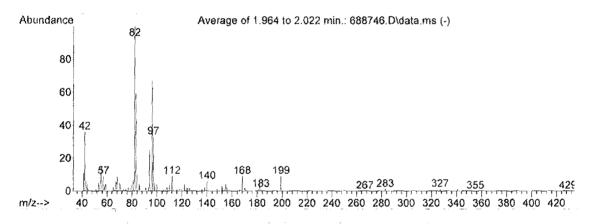
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

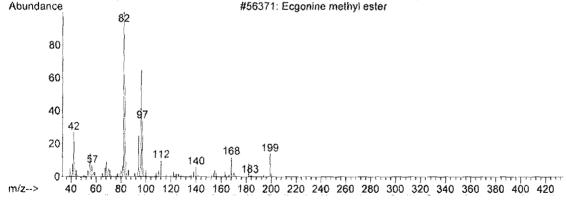
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST05a.L Ecgonine methyl ester Ecgonine methyl ester Pseudoecgonine methyl ester	106293-60-1 106293-60-1 099189-88-5	97 97 96





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

PK#

RT

Date Acquired : 23 Dec 2009 21:38

Sample Name Submitted by : ASD Vial Number 46 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

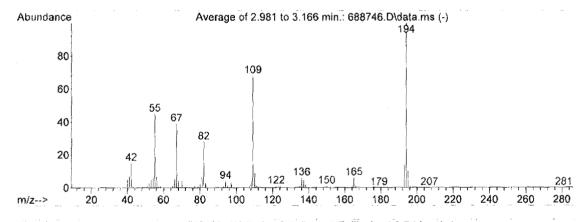
C:\Database\NIST05a.L

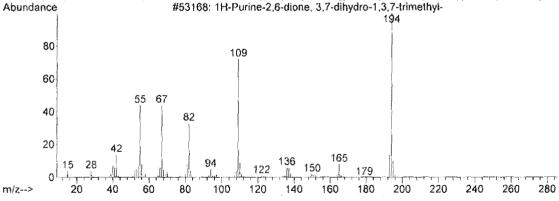
C:\Database\PMW TOX2.L

CAS# Library/ID Qual

2 3.03 C:\Database\NIST05a.L

1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 96





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:38

Sample Name : Submitted by : ASD

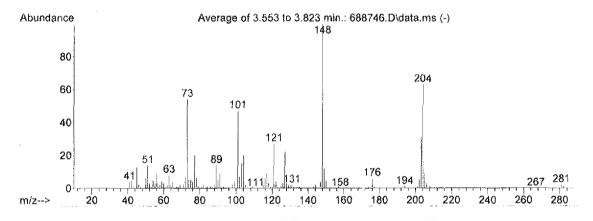
Vial Number : 46 AcquisitionMeth: DRUGS.M Integrator : RTE

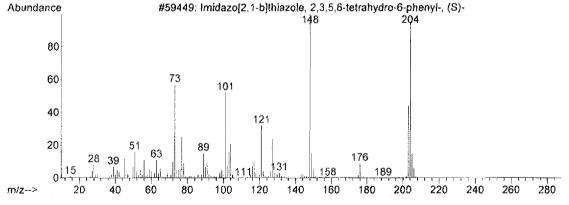
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
 3	3,58	C:\Database\NIST05a.L			
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	014769-73-4	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole.	2,3,5,6-tet	014769-73-4	98





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:38

Sample Name :
Submitted by : ASD
Vial Number : 46
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

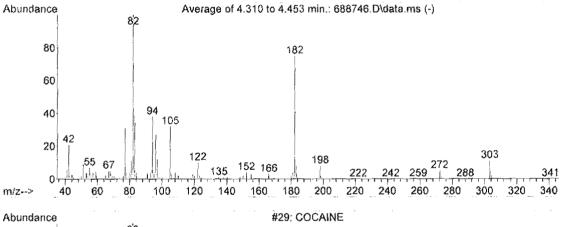
C:\Database\NIST05a.L Minimum Quality: 80

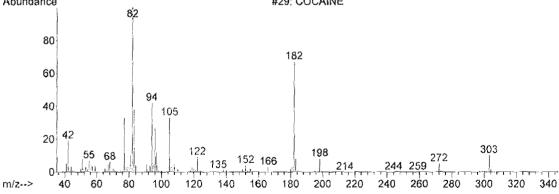
C:\Database\PMW_TOX2.L

PK# RT Library/ID CAS# Qual

4 4.35 C:\Database\SLI.L

COCAINE 000050-36-2 99



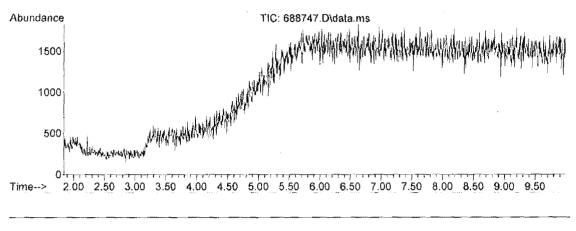


File Name : F:\Q4-2009\SYSTEM7\12_23_09\688747.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:51

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

688747.D

Tue Mar 15 07:02:25 2011

Page 1

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688748.D

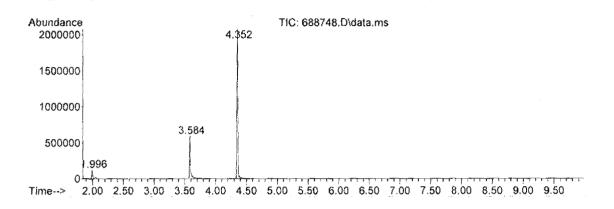
Operator : ASD

Date Acquired : 23 Dec 2009 22:03

Sample Name : Submitted by : ASD Vial Number : 48

: 48 h: DRUGS.M

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.996 3.584 4.352	745760	3.97 23.80 72.23	5.50 32.95 100.00	

688748.D

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688748.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:03

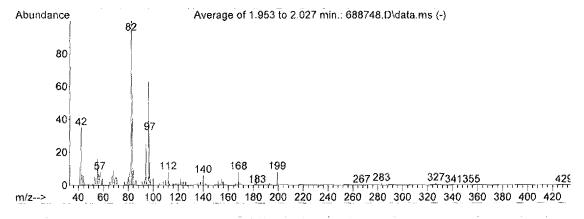
Sample Name :
Submitted by : ASD
Vial Number : 48
AcquisitionMeth: DRUGS.M
Integrator : RTE

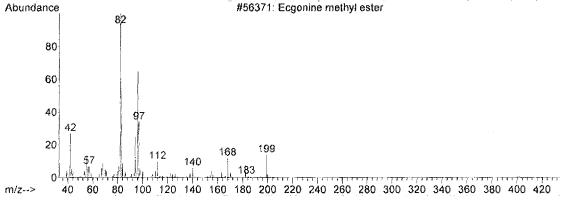
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST05a.L Ecgonine methyl ester Ecgonine methyl ester Pseudoecgonine methyl ester	106293-60-1 106293-60-1 099189-88-5	98 96 94





File Name : F:\Q4-2009\SYSTEM7\12_23 09\688748.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:03

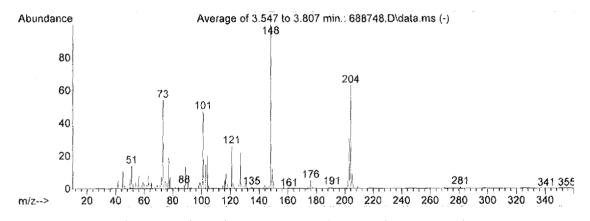
Sample Name :
Submitted by : ASD
Vial Number : 48
AcquisitionMeth: DRUGS.M
Integrator : RTE

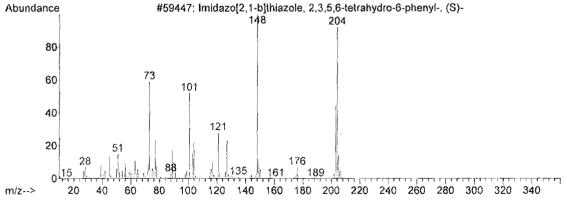
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
2	3.58	C:\Database\NIST05a.L			
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	99
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
		<pre>Imidazo[2,1-b] thiazole,</pre>	2,3,5,6-tet	014769-73-4	98





File Name : F:\Q4-2009\SYSTEM7\12_23 09\688748.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:03

: RTE

Sample Name Submitted by

Vial Number

Integrator

: ASD 48 AcquisitionMeth: DRUGS.M

Search Libraries:

C:\Database\SLI.L

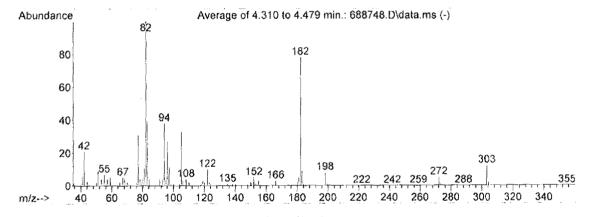
Minimum Quality: 80

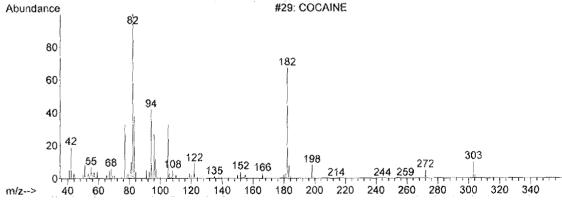
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual 3 4.35 C:\Database\SLI.L COCAINE 000050-36-2 99



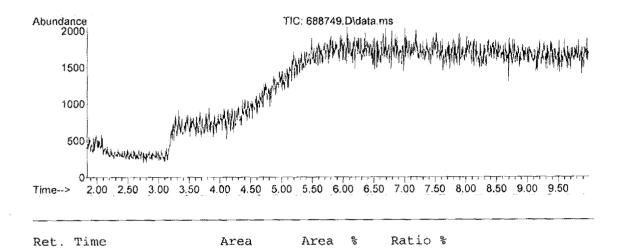


File Name : F:\Q4-2009\SYSTEM7\12_23_09\688749.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:16

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

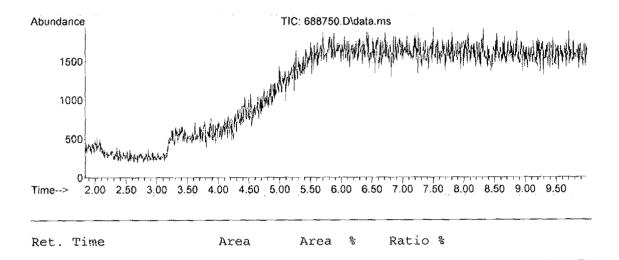


File Name : F:\Q4-2009\SYSTEM7\12_23_09\688750.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:29

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



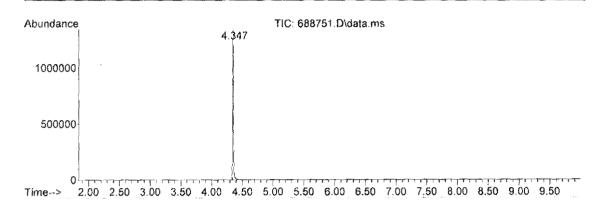
File Name : $F:\Q4-2009\SYSTEM7\12_23_09\688751.D$

Operator : ASD

Date Acquired : 23 Dec 2009 22:42

Sample Name : COCAINE STD

Submitted by : ASD
Vial Number : 51
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.347	1255279	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12 23 09\688751.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:42

Sample Name : COCAINE STD

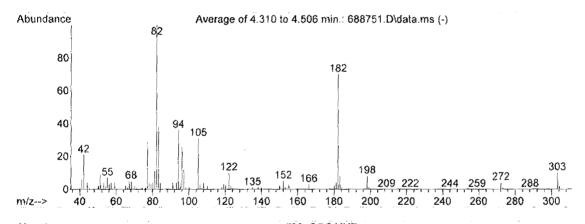
Submitted by : ASD Vial Number 51 AcquisitionMeth: DRUGS.M : RTE Integrator

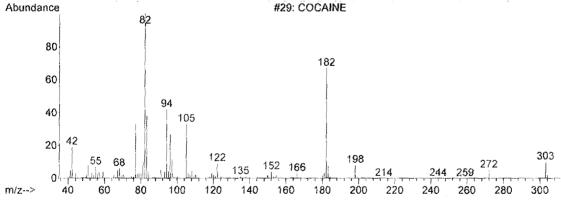
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.35	C:\Database\SLI.L		
		COCAINE	000050-36-2	99



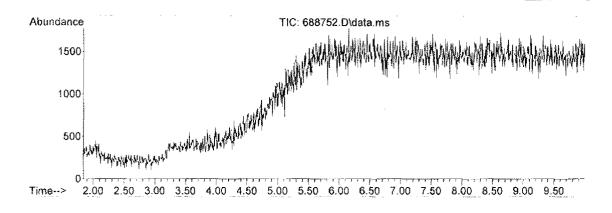


File Name : F:\Q4-2009\SYSTEM7\12_23_09\688752.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:54

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

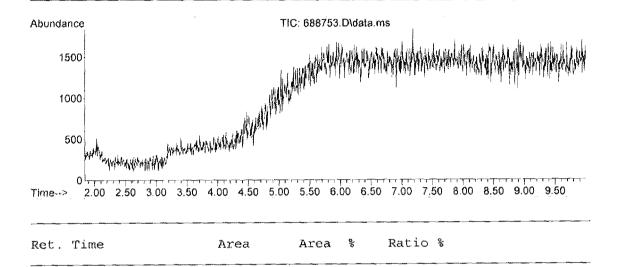
Ratio %

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688753.D

Operator : ASD

Date Acquired : 23 Dec 2009 23:07

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



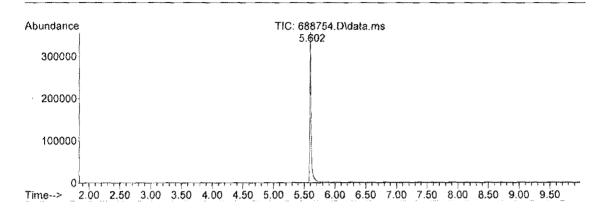
File Name : F:\Q4-2009\SYSTEM7\12_23_09\688754.D Operator : ASD

Date Acquired : 23 Dec 2009 23:19

Sample Name : OXYCODONE STD Submitted by : ASD

: 54 Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.602	516764	100.00	100.00

688754.D

```
Information from Data File:
File Name
                  : F:\Q4-2009\SYSTEM7\12 23 09\688754.D
Operator
                  : ASD
Date Acquired
                  : 23 Dec 2009 23:19
Sample Name
                  : OXYCODONE STD
Submitted by
                    ASD
Vial Number
                     54
AcquisitionMeth: DRUGS.M
Integrator
                  : RTE
Search Libraries:
                      C:\Database\SLI.L
                                                           Minimum Quality: 80
                      C:\Database\NIST05a.L
                                                           Minimum Quality: 80
                      C:\Database\PMW_TOX2.L
  PK#
         RT
                   Library/ID
                                                                CAS#
                                                                             Qual
   1
         5.60
                  C:\Database\NIST05a.L
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                              99
Abundance
                          Average of 5.565 to 5.808 min.: 688754.D\data.ms (-)
                                                                              315
     80
     60
                     70
                                                          230
     40
                               115
                                     140
                                                   201
     20
                                                187
                                                                 258
                 55
                                  128
                           98
                                             175
                                          161
                                                                    272 286 300
                                                             244
              40
                       80
                           100
                                    140
                                         160
                                              180
                                                   200
                                                       220
                                                                 260
                                                                     280
m/z-->
         20
                  60
                                120
                                                            240
                                                                         300
Abundance
               #134017: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
                                                                              315
     80
     60
                                                          230
     40
     20
                                                                258
                                  128
                                                      215
                                         159
                                                                   272 286 300
        15
```

m/z-->

20

40

80

100

120

140

160

180

200

220

240

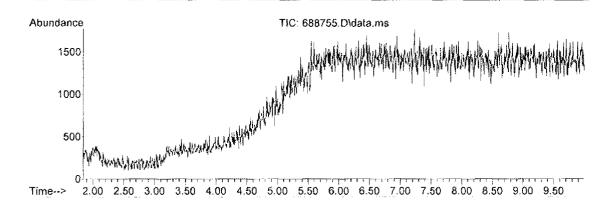
280

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688755.D

Operator : ASD

Date Acquired : 23 Dec 2009 23:32

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688759.D

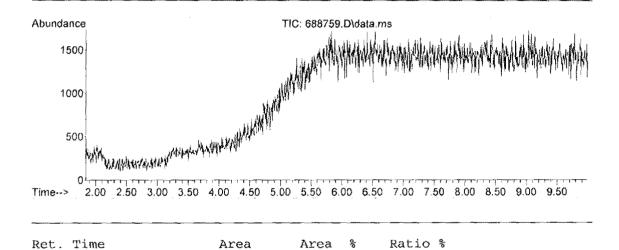
Operator : ASD

Date Acquired : 24 Dec 2009 00:23

: RTE

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M

Integrator



Area Percent / Library Search Report

Information from Data File:

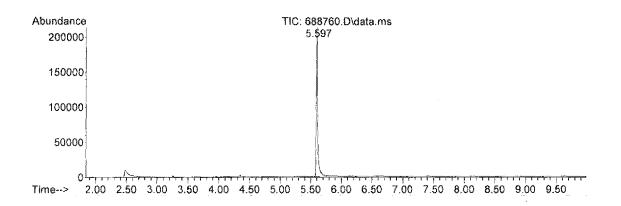
File Name : F:\Q4-2009\SYSTEM7\12_23_09\688760.D Operator : ASD

Operator : ASD

Date Acquired : 24 Dec 2009 00:36

Sample Name

Submitted by : ASD Vial Number ; 60 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5,597	332783	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688760.D

Operator : ASD

Date Acquired : 24 Dec 2009 00:36

: RTE

Library/ID

Sample Name

Integrator

PK#

Submitted by : ASD Vial Number : 60 AcquisitionMeth: DRUGS.M

Search Libraries: (

RT

C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

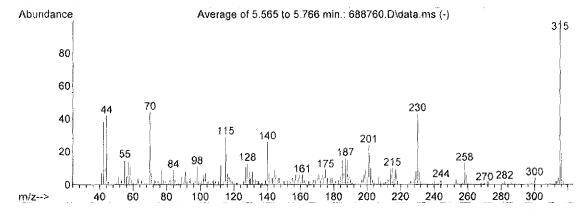
C:\Database\PMW_TOX2.L

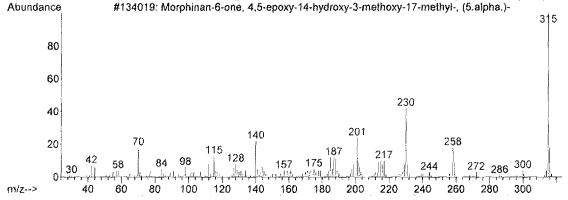
Qual

CAS#

1 5.60 C:\Database\NIST05a.L Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 97



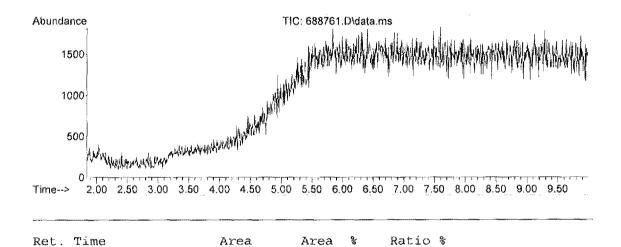


File Name : F:\Q4-2009\SYSTEM7\12_23_09\688761.D

Operator : ASD

Date Acquired : 24 Dec 2009 00:48

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

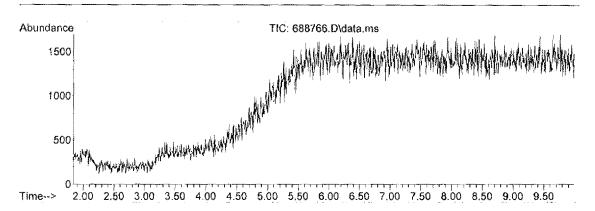


File Name : F:\Q4-2009\SYSTEM7\12_23_09\688766.D

Operator : ASD

Date Acquired : 24 Dec 2009 1:52

Sample Name : BLANK : ASD Submitted by Vial Number : 2 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time

Area

Area %

Ratio %

Area Percent / Library Search Report

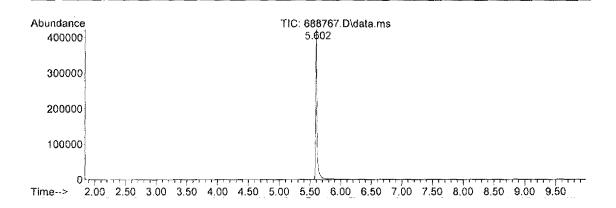
Information from Data File:

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688767.D Operator : ASD

Date Acquired : 24 Dec 2009 2:04

Sample Name : OXYCODONE STD

Submitted by : ASD Vial Number ; 54 AcquisitionMeth: DRUGS.M Integrator : RTE



		Ratio %
5.602 634524	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12_23_09\688767.D

Operator : ASD

Date Acquired : 24 Dec 2009 2:04

Sample Name : OXYCODONE STD

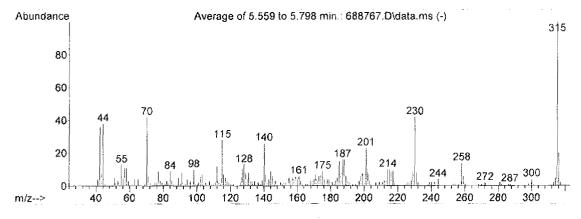
Submitted by : ASD Vial Number : 54 AcquisitionMeth: DRUGS.M Integrator : RTE

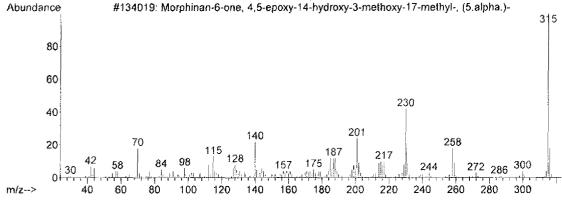
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual	
 1	5.60	C:\Database\NIST05a.L				
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99	
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99	
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99	





Information from Data File:

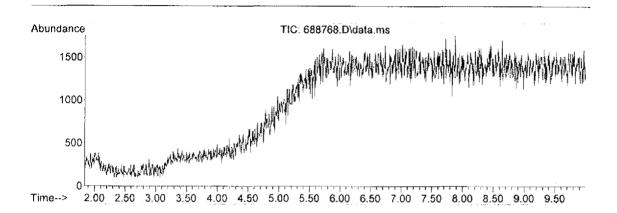
File Name : F:\Q4-2009\SYSTEM7\12_23_09\688768.D

: ASD Operator

Date Acquired : 24 Dec 2009 2:17

: RTE

Sample Name : BLANK Submitted by : ASD Vial Number 2 AcquisitionMeth: DRUGS.M Integrator



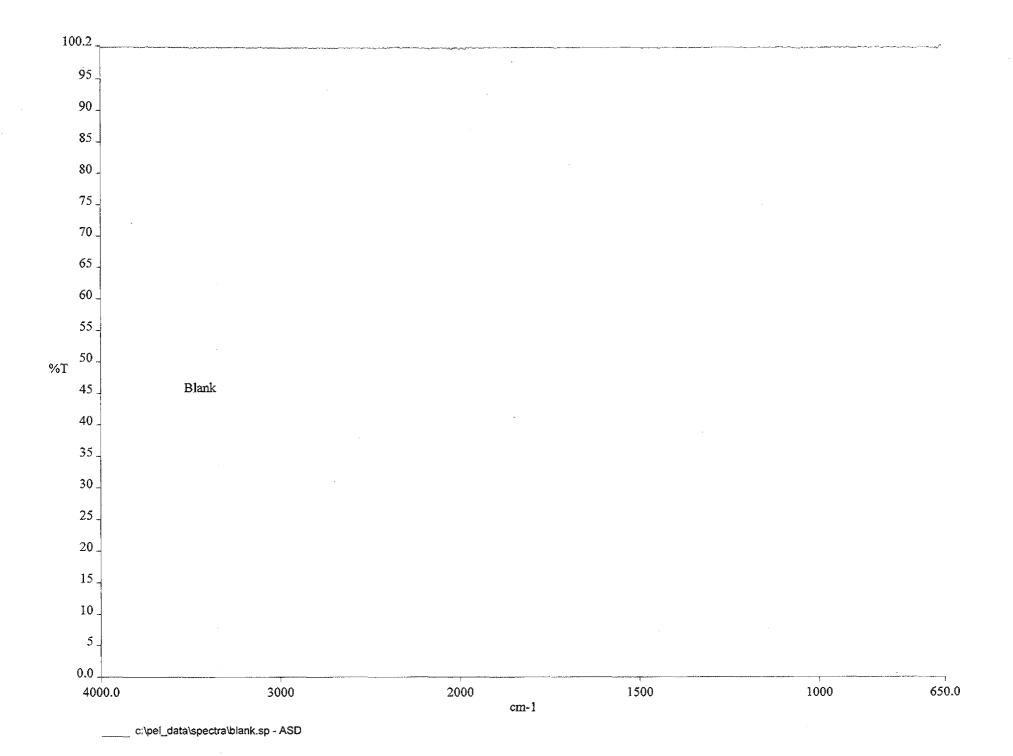
Ret. Time

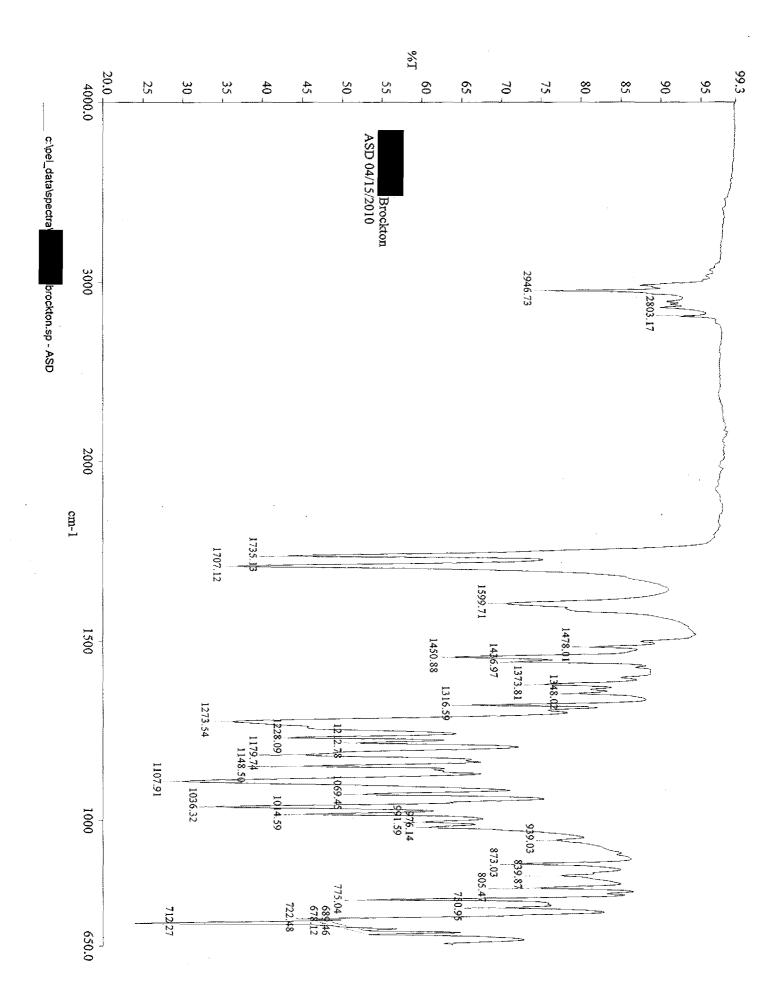
Area

Area %

Ratio %

NO INTEGRATED PEAKS





Date: Thu Apr 15 2010

Unknown: C:\pel_data\spectra Library: C:\pel_data\libs\DL.idx Brockton.sp

Euclidean Hit List:

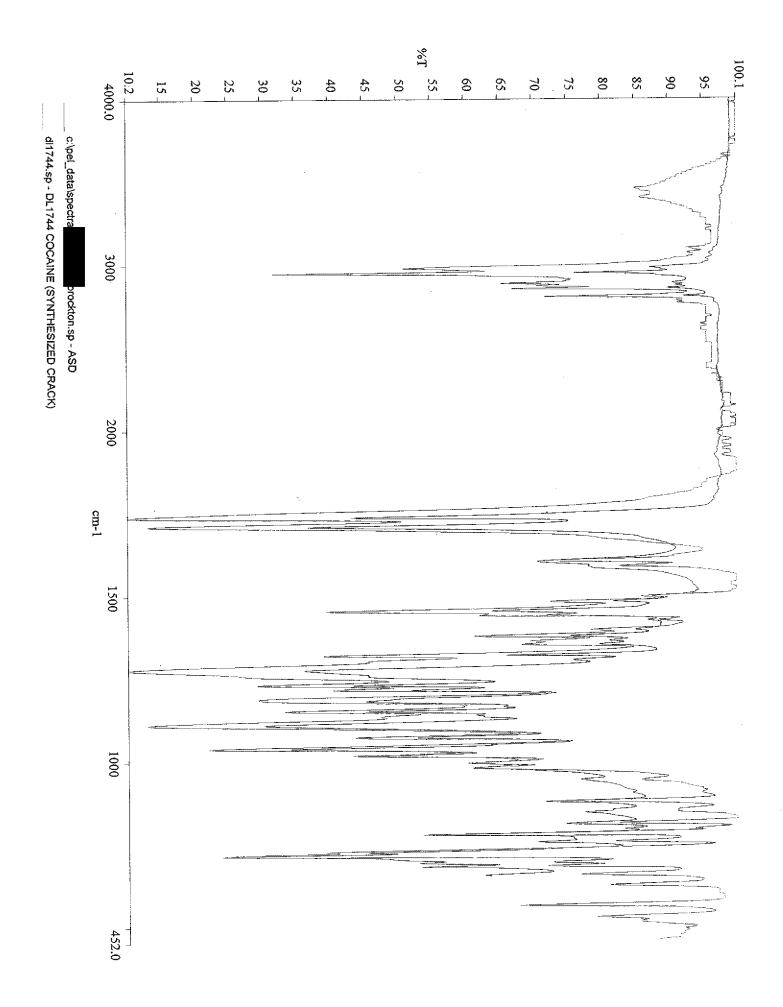
0.854 DL1744 COCAINE (SYNTHESIZED CRACK)

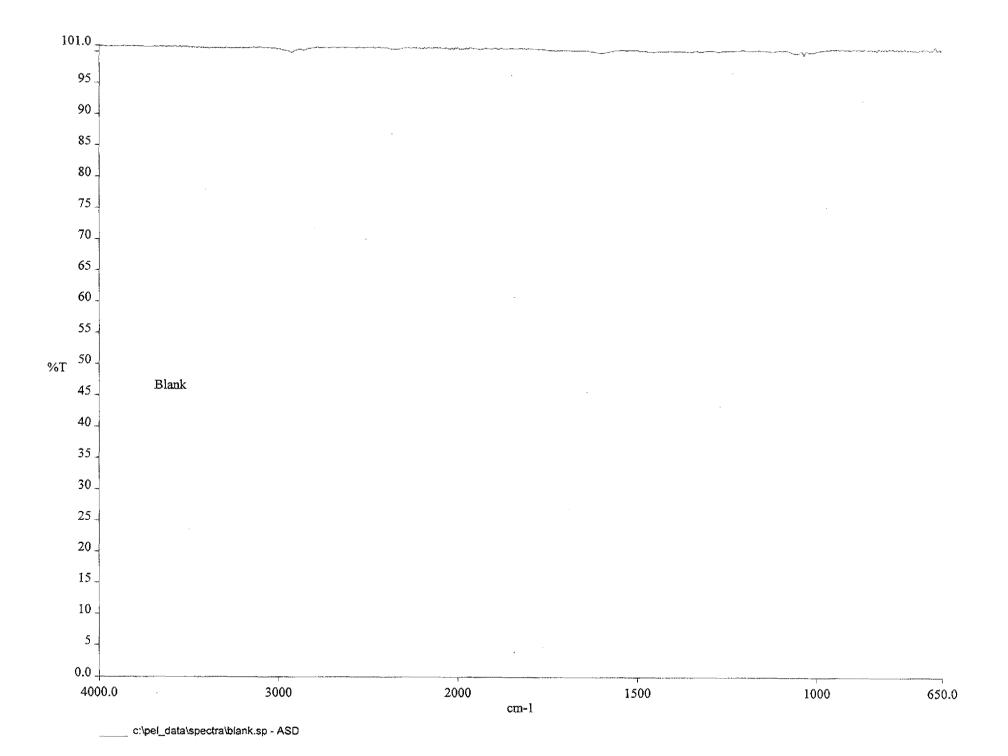
0.821 DL0178 COCAINE IN KBr

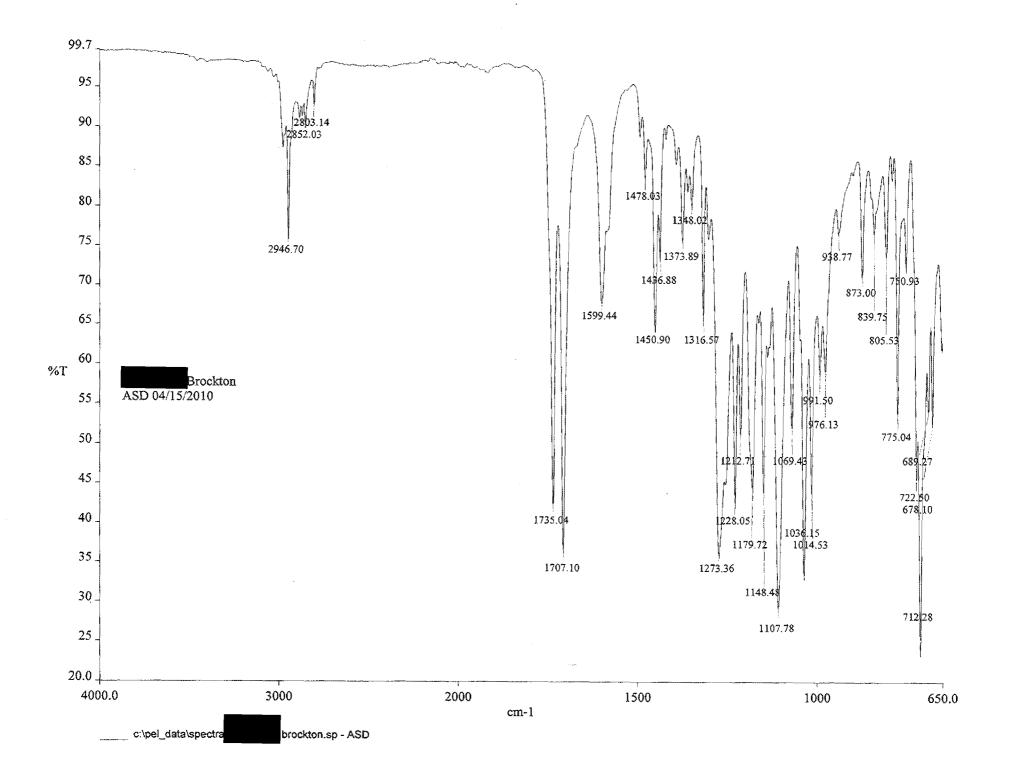
0.634 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:







Unknown: C:\pel_data\spectral Library: C:\pel_data\libs\DL.idx

Brockton.sp

Euclidean Hit List:

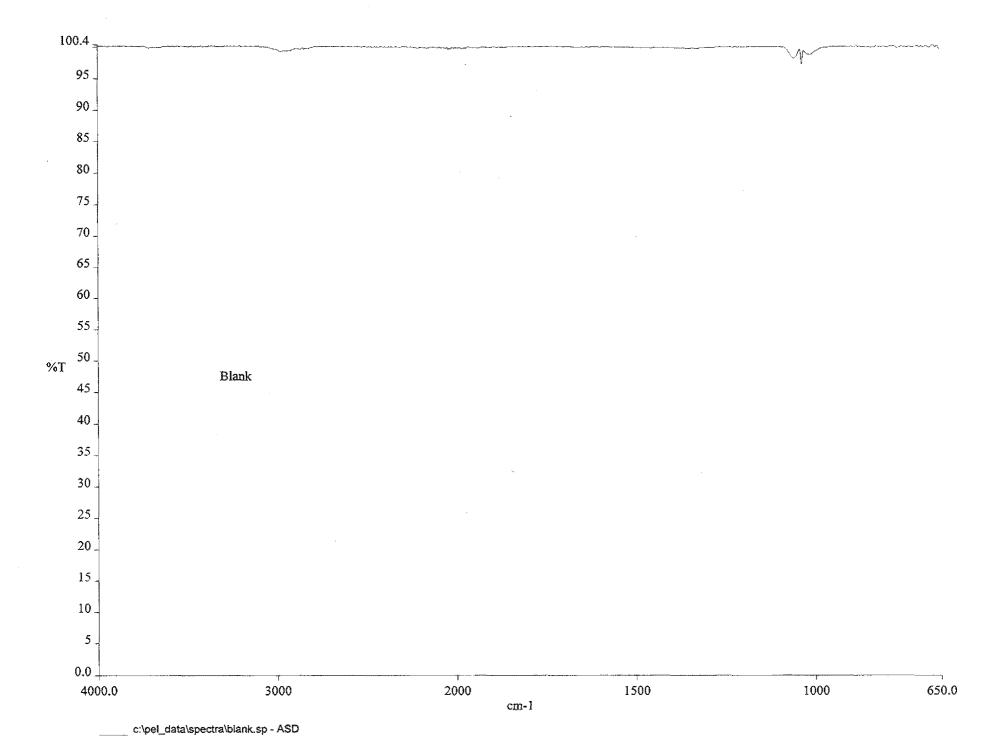
0.851 DL1744 COCAINE (SYNTHESIZED CRACK)

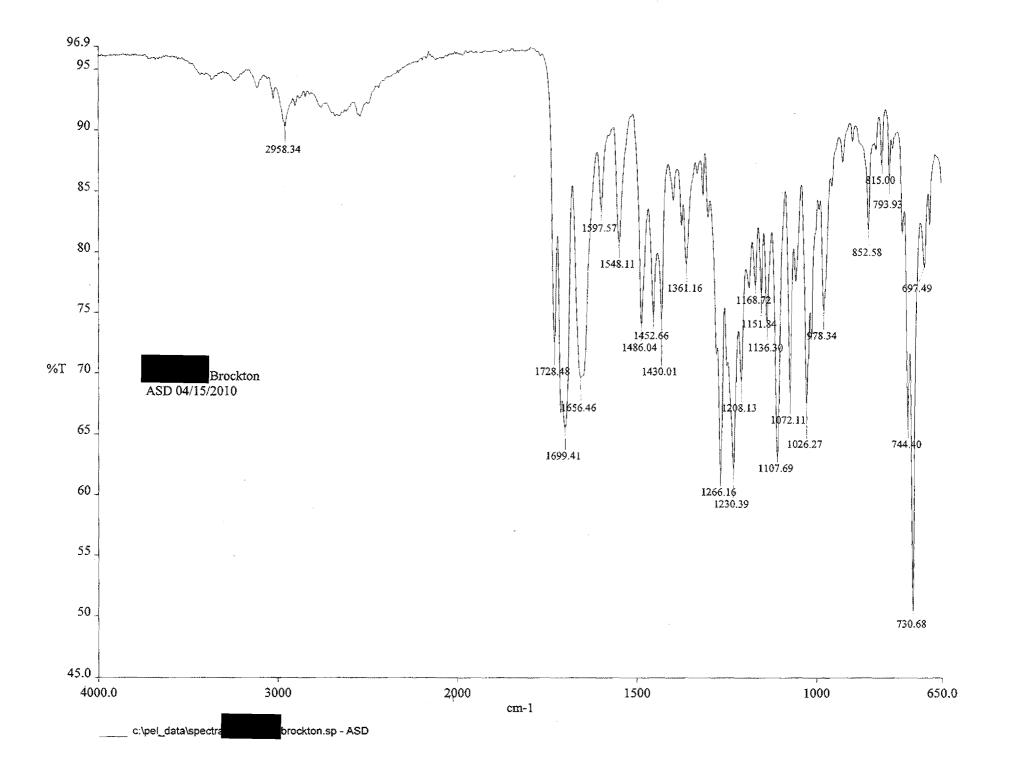
0.816 DL0178 COCAINE IN KBr

0.631 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:





SEARCH REPORT Date: Thu Apr 15 2010

Unknown: C:\pel_data\spectra\ Brockton.sp

Library: C:\pel_data\libs\DL.idx

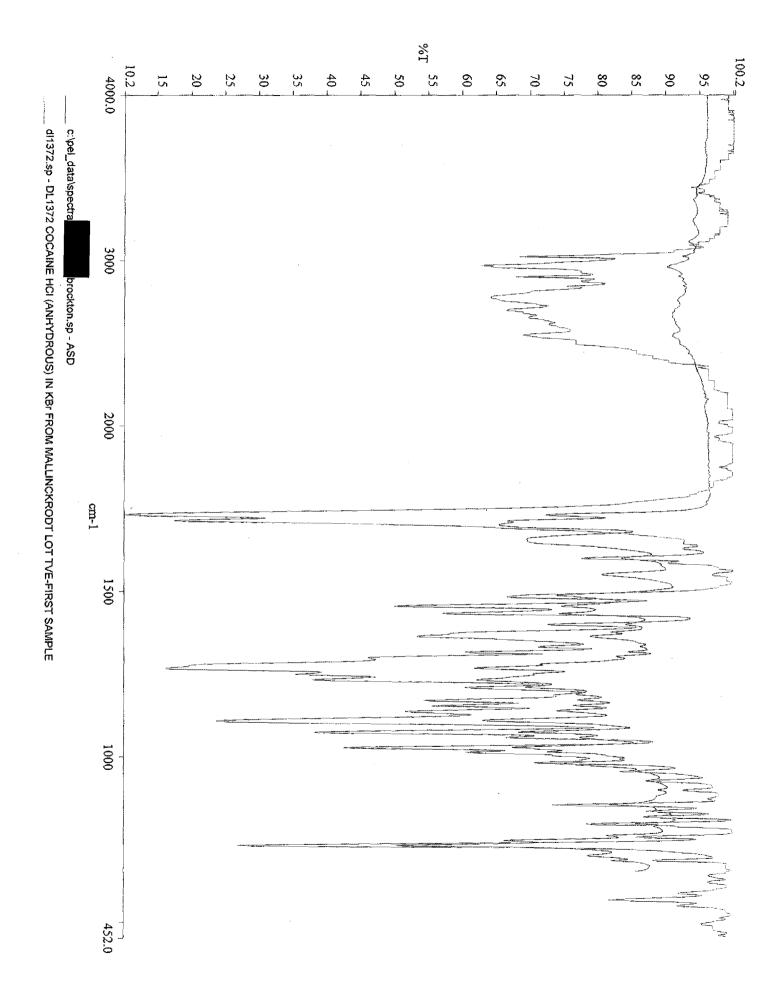
Euclidean Hit List:

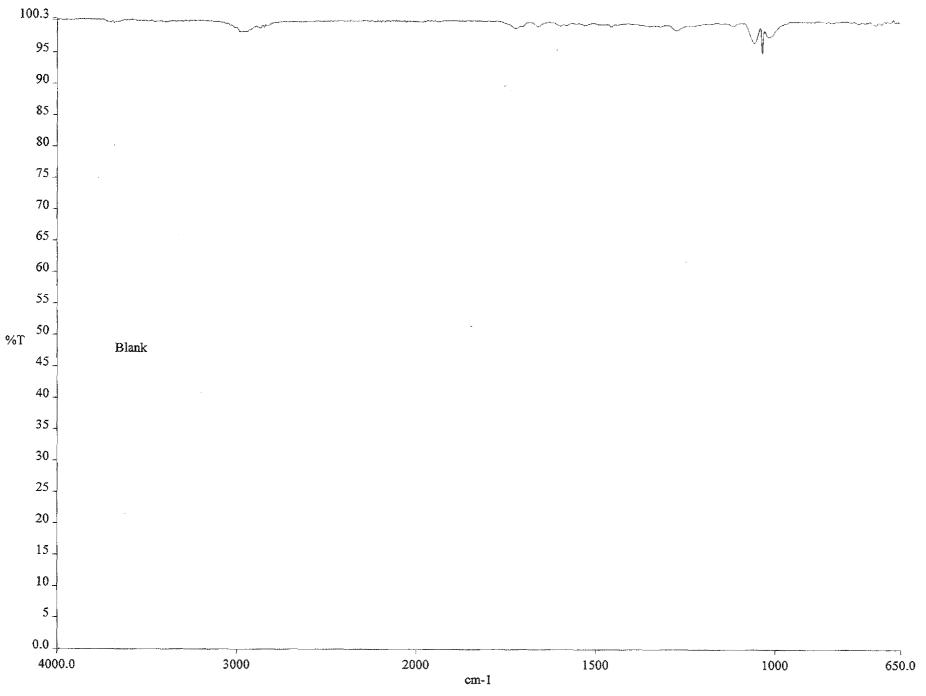
0.649 DL1372 COCAINE HCI (ANHYDROUS) IN KBr FROM MALLINCKRODT LOT TVE-FIRST SAMPLE

0.642 DL1373 COCAINE HCI (ANHYDROUS) IN KBr 0.621 DL1329 90% COCAINE HCI/10% LACTOSE IN KBr (+/- 3%)

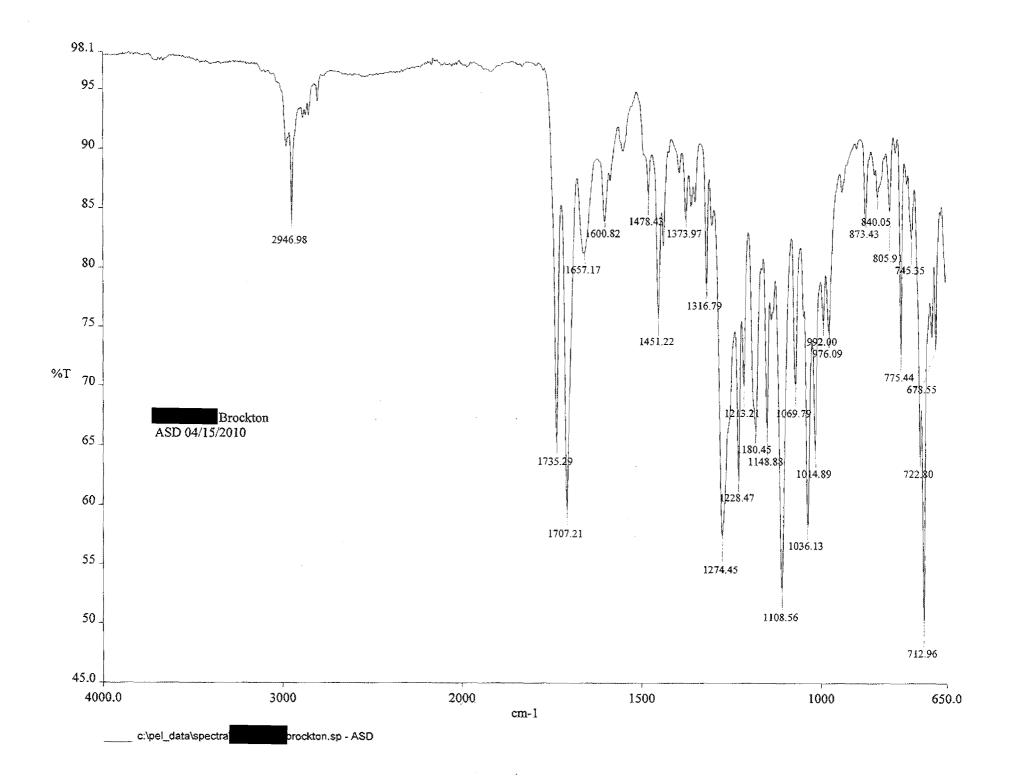
Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:





____ c:\pel_data\spectra\blank.sp - ASD



SEARCH REPORT Date: Thu Apr 15 2010

Unknown: C:\pel_data\spectra

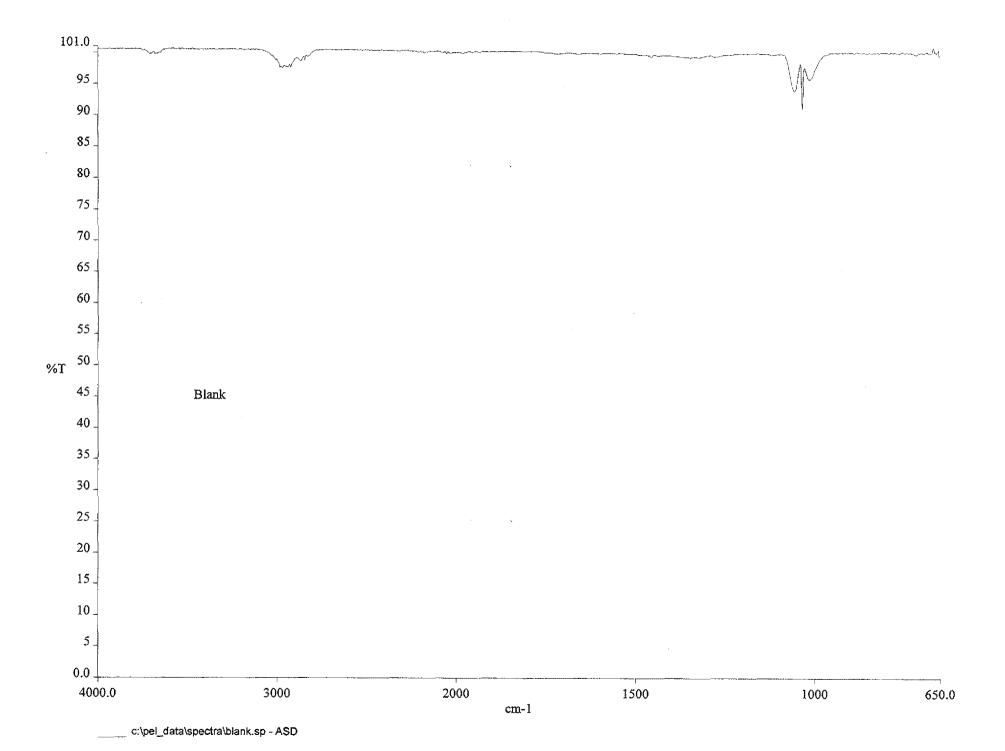
Library: C:\pel_data\libs\DL idx

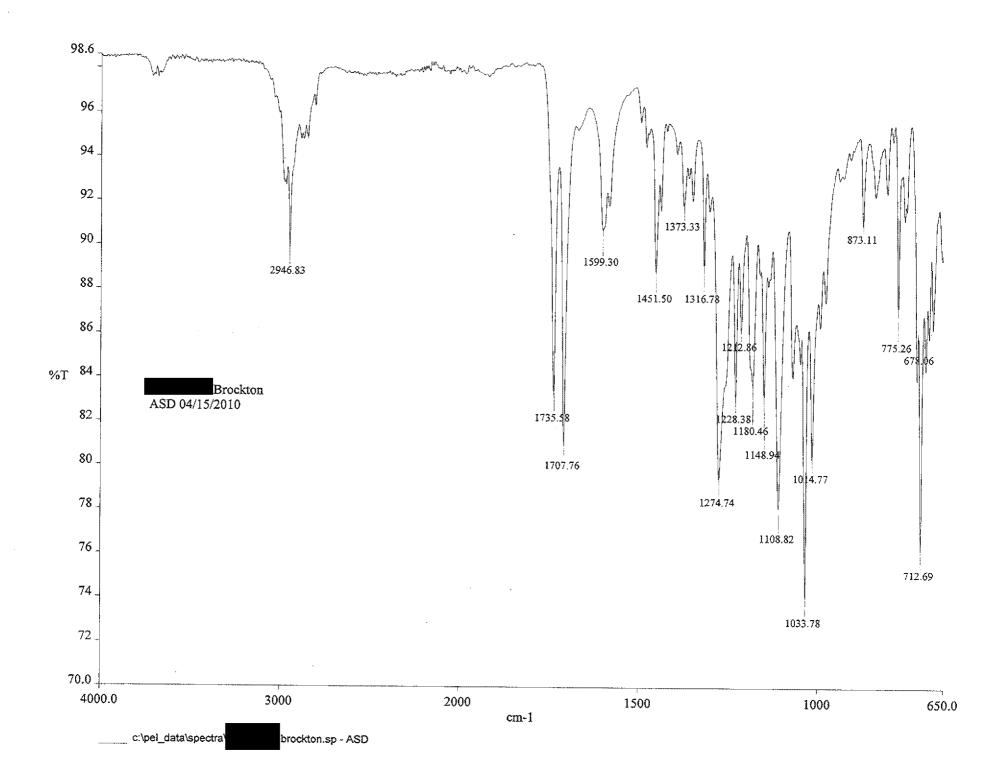
Euclidean Hit List:

0.862 DL1744 COCAINE (SYNTHESIZED CRACK)
0.838 DL0178 COCAINE IN KBr
0.669 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:





Unknown: C:\pel_data\spectra Library: C:\pel_data\libs\DL.idx

Brockton.sp

Euclidean Hit List:

0.865 DL1744 COCAINE (SYNTHESIZED CRACK)

0.860 DL0178 COCAINE IN KBr

0.624 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions: